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PATENT - TRADEMARK OFFICE

Docket No. 9925-36938

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: PATRICK J. TOOMEY) Group No. 2878
Appl. No.: 10/075,728) Examiner: Gagliardi, Albert J.
Filing Date: FEBRUARY 12, 2002)
Entitled: WATER DETECTION AND)
SOURCE IDENTIFICATION)
METHODS FOR STRUCTURES)
USING ELECTROMAGNETIC)
RADIATION SPECTROSCOPY)

Handwritten signature: Gagliardi

TECHNOLOGY CENTER 2800

AUG 23 2002

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PRELIMINARY AMENDMENT

Commissioner of Patents and Trademarks

5 BOX AMENDMENT

Washington, DC 20231

Attn: Examiner Albert J. Gagliardi

10 Prior to the first Office Action on the merits, kindly enter the following claim amendments for examination.

In the Claims

Please CANCEL claims 22 and 26 without prejudice.

Please AMEND claims 8, 10, 12, 18, 19, 23, and 31 as follows:

8. (Once Amended) A method comprising the steps of:

a) exposing with a generator a predetermined area of a structure with first electromagnetic radiation including at least one predetermined wavelength that is significantly absorbed by water;

b) sensing with a sensor unit second electromagnetic radiation from the structure, the second electromagnetic radiation based on the first electromagnetic

STATEMENT OF MAILING BY EXPRESS MAIL

I hereby certify under 37 C.F.R. § 1.10 that this correspondence is being deposited with the United States Postal Service by Express Mail Label No. EV025489372US addressed to: Commissioner of Patents and Trademarks, BOX AMENDMENT - FEE, Washington, DC 20231, on August 19, 2002.

Handwritten signature: Jon M. Jurgovan
Jon M. Jurgovan -Reg. No. 34,633

Handwritten notes: sub B5, 19